Steven Jackson

Software Engineer

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Where is will, there is way!

Professional Experience

Wednesday Solutions

July 2018 - February 2024

Software Engineer

- Contributed to computer vision and machine learning projects, pushing the boundaries of technology. Engineered an image recognition algorithm with 95% accuracy, catalyzing advancements in product recommendation systems.
- Spearheaded the development of cutting-edge crypto-analytics solutions, streamlining data processing efficiency by 20%. Slashed data processing time from 10 hours to 8 hours, facilitating quicker insights for trading decisions.
- Orchestrated high-load ecommerce and B2B solutions with NodeJS and NestJS, yielding a 20% revenue increase. Implemented caching strategies that curtailed server response time by 15%, amplifying user experience and sales.
- Leveraging my expertise in ASP.NET, I engineered a laboratory solution that not only fortified data accuracy but also achieved a 30% reduction in errors and a 20% boost in efficiency, mirroring the qualifications sought for the MS SQL, C#, .Net Software Engineer role at Medical Data Management.
- As a seasoned Go developer with over 6 years of experience, I specialize in clean code, microservices, and e-commerce solutions, including successful integration with external endpoints and proficiency in both relational and NoSQL databases.
- Demonstrated proficiency in C/C++ development, pioneering innovation and scalability. Streamlined memory usage by 20% and mitigated CPU overhead by 15% through code refactoring and performance tuning.
- Excelled in backend development with Laravel, PHP, MySQL, and Python(Django, FastAPI). Engineered RESTful APIs that managed 1000+ requests per second, ensuring optimal availability and scalability.
- Leveraged expertise in Node.js, Meteor, and MongoDB to craft robust server-side applications. Amplified database query performance by 20% through index optimization and query tuning.
- AI-powered Telegram bot using NLP and machine learning models, achieving a 50% increase in user engagement, 90% image recognition accuracy, and a 40% growth in active users through advanced features and robust backend architecture.

Webby Group

August 2010 - June 2018

Full Stack Developer

- Specialized in Java and Kotlin-based Android development for industrial automation. Engineered mobile applications that heightened production efficiency by 15% and slashed downtime by 10%.

- Innovated interactive PlayableAds HTML5 using Cocos Creator and TypeScript, as well as Solar2D and Lua, optimized applications for different platforms, integrated a variety of services and SDKs . Amplified user engagement by 20% and achieved a 10% higher click-through rate compared to traditional ads.
- Slot game development, leveraging my skills in JavaScript/TypeScript, PixiJS, Spine animations, and performance optimization to deliver high-quality games, achieving a 20% increase in user retention and a 30% reduction in issue resolution time.
- Excelled in frontend development with Vue.js, React + Redux, and modern web technologies. Trimmed page load time by 25% through code optimization and performance enhancements.
- Demonstrated proficiency in C# development, executing server-side application development and optimization. Implemented asynchronous processing that boosted system responsiveness by 20% and trimmed latency by 30%.
- Contributed to the creation of a unified data collection and analysis system using VBA, JavaScript, and SQL. Automated data processing tasks, resulting in a 40% reduction in manual effort and enhanced data accuracy.
- Specialized in optimizing network stack performance and constructing packet processing pipelines in UNIX environments. Elevated network throughput by 30% and mitigated packet loss by 15% through network optimization techniques.

Education

Computer System Security in Information Technology & Business Technology

April 2006 - May 2010

University Kuala Lumpur, 1016, Jalan Sultan Ismail, 50250 Kuala Lumpur

Key Skills

React, Cocos Creator/Solar2D/PixiJS

JavaScript/Node.js/Express.js/TypeScript/NestJS/Three.js/Vue.js

MySQL/PostgreSQL/MongoDB/SQLite

C/C++/ASM/C#/Golang/.NET/ VBA

PHP/Laravel/Yii/Symfony

Qt/QML , Java/Spring, Kotlin

Blockchain/Solidity/Web3, Python/Machine learning/AI-driven solutions

Unity/Mobile development/Linux, Django/FastAPI